

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L4	9	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid) carbonylation	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 10:56
L5	66	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR ((12-molybdochosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdc ADJ acid OR PMA) OR ((12-molybdsilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR ((12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)) carbonylation	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 10:57
L6	66	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR ((12-molybdochosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdc ADJ acid OR PMA) OR ((12-molybdsilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR ((12-	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:01

		tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)) carbonylation				
L7	1413	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:02
L8	995	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND carbonylation AND (carbon ADJ monoxide OR co).dett.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:03
L9	233	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid).ab. AND (methyl ADJ iodide OR iodomethane) AND carbonylation AND (carbon ADJ monoxide OR co).dett.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:03
L10	95	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid).ab. AND (methyl ADJ iodide OR iodomethane) NEAR catalyst AND carbonylation AND (carbon ADJ monoxide OR co).dett. acid	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:04
L11	95	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid).ab. AND (methyl ADJ iodide OR iodomethane) NEAR catalyst AND carbonylation AND (carbon ADJ monoxide OR co).dett. acid	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:04
L12	86	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid).ab. AND (methyl ADJ iodide OR iodomethane) NEAR catalyst AND carbonylation AND (carbon ADJ monoxide OR co).dett. acid (promoter OR promotor OR promotion)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:05

L13	95	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid).ab. AND (methyl ADJ iodide OR iodomethane) NEAR catalyst AND carbonylation AND (carbon ADJ monoxide OR co).detd.	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/11/05 11:05
S1	1	"849250"	EPO	OR	ON	2008/05/08 14:57
S2	1	"643034"	EPO	OR	ON	2008/05/08 14:58
S3	13	"752406"	EPO; DERWENT	OR	ON	2008/05/08 14:59
S4	29	"099680"	EPO; DERWENT	OR	ON	2008/05/08 15:01
S6	58	"104179"	DERWENT	OR	ON	2008/05/08 15:09
S7	58	"104179"	EPO; DERWENT	OR	ON	2008/05/08 15:10
S9	2	"03104179"	EPO; DERWENT	OR	ON	2008/05/08 15:11
S10	10	"5281751"	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/08 15:39
S11	0	"752406" AND (oxoacid OR superacid OR heteropolyacid)	EPO; DERWENT	OR	ON	2008/05/15 11:32
S12	1	"849250"	EPO	OR	ON	2008/05/15 11:33
S13	1	"643034"	EPO	OR	ON	2008/05/15 11:33
S14	13	"752406"	EPO; DERWENT	OR	ON	2008/05/15 11:33
S15	30	"099680"	EPO; DERWENT	OR	ON	2008/05/15 11:33
S16	58	"104179"	DERWENT	OR	ON	2008/05/15 11:33
S17	58	"104179"	EPO; DERWENT	OR	ON	2008/05/15 11:33
S18	2	"03104179"	EPO; DERWENT	OR	ON	2008/05/15 11:33
S19	392290	acetic acid	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/05/15 11:38
S20	0	(S12 OR S13 OR S14 OR S15 OR S16 OR S17 OR S18) AND (oxoacid OR superacid OR heteropolyacid)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 11:40
S21	5081	(oxoacid OR superacid OR heteropolyacid)	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 11:40
S22	12461	carboxylation	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/05/15 11:41

S23	380711	oxoacid OR H ₂ SO ₄ OR (sulfuric ADJ acid) OR HNO ₃ (Nitric ADJ acid) OR H ₃ PO ₄ (phosphoric ADJ acid)	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/05/15 13:07
S24	1171	superacid	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/05/15 13:08
S25	3349	heteropolyacid OR 12-tungstophosphoric acid OR 12-molybdophosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/05/15 13:08
S26	26787	methanol AND carbon ADJ monoxide	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/05/15 13:09
S27	38	S21 AND S19 AND S22 AND S26	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 13:10
S28	8	("4221712" "4316828" "5401876" "5659077" "6380426" "6383977" "6399816" "6472558"), PN, OR ("6960682"), URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/15 13:14
S29	0	("7238838"), URPN.	USPAT	OR	ON	2008/05/15 13:23
S30	9	("20030158440" "20030204107" "20040031084" "5281752" "6383977" "6399816" "6472558" "6706919"), PN, OR ("7009074"), URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/15 13:34
S31	30	S25 AND S19 AND S22 AND S26	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 14:01
S32	11	S25 AND S19 AND S22 AND S26 AND iridium	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 14:19
S33	8	("4221712" "4316828" "5401876" "5659077" "6380426" "6383977" "6399816" "6472558"), PN,	US-PGPUB; USPAT; USOCR	OR	ON	2008/05/15 14:42
S34	11981	superacid OR HBF ₄ OR HPF ₆ OR H(CF ₃ SO ₂) ₂ N OR HCB ₆ Br ₆ OR (HCF ₃ SO ₃ OR trifluoromethanesulfonic ADJ acid) OR HSeF ₆ OR HFSO ₃	US-PGPUB; USPAT; USOCR; DERWENT	AND	ON	2008/05/15 14:57
S35	12	S25 AND S19 AND S22 AND iridium	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/05/15 15:41
S36	12	S25 AND S19 AND S22 AND iridium	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/05/15 15:44
S37	36	S23 AND S19 AND S22 AND iridium	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/05/15 15:44
S38	30	S23 AND S19 AND S22 AND iridium AND catalyst	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/05/15 15:46

S39	12	S25 AND S19 AND S22 AND iridium AND catalyst	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/05/15 15:49
S40	52	S23 AND S22 AND iridium AND catalyst	US-PGPUB; USPAT; USOCR; EPO; DERWENT	OR	ON	2008/05/15 16:35
S41	0	("20050049434").PN.	USPAT; USOCR	OR	OFF	2008/06/05 15:26
S42	1	"20050049434"	US-PGPUB; USPAT	OR	ON	2008/06/05 15:26
S43	0	("2005/0049434").URPN.	USPAT	OR	ON	2008/06/05 15:30
S44	0	("2005/0049434").URPN.	USPAT	OR	ON	2008/06/05 15:30
S45	2	"6521783"	USPAT	OR	ON	2008/06/05 15:32
S46	3	"2001024924"	DERWENT	OR	ON	2008/06/05 15:51
S47	3	"2001077066"	DERWENT	OR	ON	2008/06/05 15:54
S48	1	"6190562"	DERWENT	OR	ON	2008/06/05 15:58
S49	4	"2001007393"	DERWENT	OR	ON	2008/06/05 15:59
S50	1	"6068925"	DERWENT	OR	ON	2008/06/05 16:01
S51	3	"2000014047"	DERWENT	OR	ON	2008/06/05 16:03
S52	10	"640583"	DERWENT	OR	ON	2008/06/05 16:16
S53	1	"06293695"	DERWENT	OR	ON	2008/06/05 16:19
S54	7	"620205"	DERWENT	OR	ON	2008/06/05 16:19
S55	9	"518548"	DERWENT	OR	ON	2008/06/05 16:21
S56	8	"392875"	DERWENT	OR	ON	2008/06/05 16:25
S57	33	"150003"	DERWENT	OR	ON	2008/06/05 16:25
S58	1139995	PL "150003"	DERWENT	OR	ON	2008/06/05 16:26
S59	2	"4629809"	DERWENT	OR	ON	2008/06/05 16:40
S60	30	"182669"	DERWENT	OR	ON	2008/06/05 16:40
S61	0	methanol AND iodomethane AND iridium	EPO; DERWENT	OR	ON	2008/06/09 13:39
S62	0	methanol AND iodomethane AND iridium AND acetic ADJ acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:40

S63	0	methanol AND iridium AND acetic ADJ acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:40
S64	3207	methanol AND catalyst AND iridium AND acetic ADJ acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:41
S65	342	methanol AND (catalyst NEAR iridium) AND (acetic ADJ acid)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:41
S66	192	methanol AND (catalyst NEAR iridium) AND (acetic ADJ acid) AND (promotor OR promoter OR co-catalyst OR co ADJ catalyst)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:43
S68	373	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND (acetic ADJ acid) AND (promotor OR promoter OR co-catalyst OR co ADJ catalyst)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:48
S69	142	methanol AND (iridium NEAR catalyst) AND (methyl ADJ iodide OR iodomethane) AND (acetic ADJ acid) AND (promotor OR promoter OR co-catalyst OR co ADJ catalyst)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 13:58
S70	0	("2008/0097124").URPN.	USPAT	OR	ON	2008/06/09 13:58
S71	0	("2008/0097124").URPN.	USPAT	OR	ON	2008/06/09 13:58
S72	373	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND (acetic ADJ acid) AND (promotor OR promoter OR co-catalyst OR co ADJ catalyst) AND acid	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 14:00
S73	17	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND (acetic ADJ acid) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR acid)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 14:03
S74	0	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR (super ADJ acid OR hammett ADJ acid\$3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:17
S75	0	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR (super ADJ acid OR hammett ADJ acid\$3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:18

S76	0	methanol AND iridium AND (methyl ADJ iodide OR iodomethane) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR (super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:27
S77	0	methanol AND catalyst AND (methyl ADJ iodide OR iodomethane) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR (super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:29
S78	0	iridium AND (methyl ADJ iodide OR iodomethane) AND ((promotor OR promoter OR co-catalyst OR co ADJ catalyst) NEAR (super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:29
S79	65	iridium AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:30
S80	64	iridium AND catalyst AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:30
S81	12	iridium NEAR catalyst AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid\$3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:31

S82	65	iridium AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid)s3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/09 18:35
S83	4	"6521783" and iridium	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/10 15:37
S84	2	"6521783" and iridium	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2008/06/10 15:37
S85	2	"6521783" iridium	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2008/06/10 15:38
S86	2	"6521783" iridium catalyst	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2008/06/10 15:43
S87	51407	(ANTHONY HAYNES) OR (DAVID LAW) OR (ANDREW MILLER) OR (GEORGE MORRIS) OR (MARC PAYNE) OR (JOHN SUNLEY)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/10 17:05
S88	76	(ANTHONY ADJ HAYNES) OR (DAVID ADJ LAW) OR (ANDREW ADJ MILLER) OR (GEORGE ADJ MORRIS) OR (MARC ADJ PAYNE) OR (JOHN ADJ SUNLEY)	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2008/06/10 17:06
S89	331	560/232.ccls.	US-PGPUB; USPAT	OR	ON	2008/06/10 17:12
S91	13	"752406"	EPO; DERWENT	OR	ON	2008/06/10 17:19
S92	75	iridium AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid)s3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/09 16:36
S93	68	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR HAc OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid)s3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFSI OR (CF3SO2)2NH OR CBH6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/09 16:39

S94	68	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND ((super ADJ acid OR hammett ADJ acid3 OR Fluoroboric ADJ acid OR BF4 OR Fluorophosphoric ADJ Acid OR PF6 OR HTFS OR (CF3SO2)2NH OR C8H6BR6 OR HCF3SO3 OR trifluoromethanesulfonic ADJ acid OR \$1SBF6 OR \$1FSO3))	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/09 16:40
S95	5	"6255527"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/09 17:52
S96	23	"5831120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/09 17:57
S97	27	"583120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/09 17:57
S98	23	"5831120"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2009/09/09 17:58
S99	854	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid)	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/10 10:03
S100	8188	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	OR	ON	2009/09/10 10:03

S101	8	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:04
S102	8	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND iridium AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:06
S103	9	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdochosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:06
S104	31383	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic Acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdochosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybdsilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:23

S105	2152	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdochosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybosilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungtosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid))	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:24
S106	30064	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane)	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:24
S107	2152	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdochosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybosilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungtosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid))	US-PPGUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:25

S108	54	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR AcOH OR Hydrogen ADJ acetate OR Ethylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdophosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybdsilicic acid OR SILI) COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:25
S109	61	(methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdophosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybdsilicic acid OR SILI) COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2009/09/10 10:34
S110	924	(502/231),CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/03/09 16:50
S111	70	(methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdophosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdcic ADJ acid OR PMA) OR (12-molybdsilicic acid OR SILI) COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/07/21 10:30

		(silicotungstic ADJ Acid)) carbonylation				
S112	63	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR ACOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND ((12-tungstophosphoric acid OR H3PW12O40 OR Phosphotungstic ADJ acid OR PTA OR PWA OR Tungstophosphoric ADJ acid OR TPA OR 12-phosphotungstic ADJ acid OR dodecatungstophosphoric ADJ acid) OR (12-molybdophosphoric ADJ acid OR H3PMo12O40 OR Phosphomolybdic ADJ acid OR PMA) OR (12-molybdsilicic acid OR SILI COMOLYBDIC ADJ ACID OR SILI COMOLYBDIC ADJ ACID) OR (12-tungstosilicic acid OR TSA OR H4SiO412WO3XH2O OR silicotungstic ADJ Acid)) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/07/21 10:31
S113	9	(acetic ADJ acid OR C2H4O2 OR ethanoic ADJ acid OR Acetyl ADJ hydroxide OR ACOH OR Hydrogen ADJ acetate OR Etylic ADJ acid OR Methanecarboxylic ADJ acid) AND (methyl ADJ iodide OR iodomethane) AND (12-tungstophosphoric acid OR 12-molybdophosphoric acid OR 12-tungstosilicic acid OR 12-molybdsilicic acid) carbonylation	US-PGPUB; USPAT; EPO; DERWENT	AND	ON	2010/07/21 10:31
S114	61	75/373	US-PGPUB; USPAT; EPO; JPO; DERWENT	AND	ON	2010/07/21 10:32

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